



Effects of Endophytic Bacteria on Grass

Guest Editor:

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Deadline for manuscript
submissions:
closed (15 July 2022)

Message from the Guest Editor

Dear Colleagues,

Most plant species are colonized by endophytic bacteria, which contribute significantly to plant growth, biomass yield, and health. However, studies addressing the influence of endophytic bacteria on grass are still missing. This Special Issue addresses grass responses to the inoculation of endophytic bacteria and the mechanisms of interactions between grasses and endophytic bacteria under stressful environmental conditions. We will highlight (1) recent progress in fundamental research (endophytic bacteria-induced physiological and biochemical, metabolomics, cellular, and molecular changes in grasses), and (2) applied experimental studies and emerging biotechnologies that substantially enhance grass production and sustainability (e.g., microbe-mediated stress mitigation in grasses).

This Special Issue welcomes contributions dissecting the mechanisms underlying interactions among grasses, endophytic bacteria, and soils. We encourage the submission of manuscripts focusing on microbe-induced molecular, cellular, and physicochemical changes in grasses. Original research and reviews are particularly welcomed.





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Message from the Editor-in-Chief

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